

Patent  
Attorney Docket No. Old: GEM-30834  
New: GEMS8081.022

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Kennedy, Ronald G.  
Serial No. : 09/474,418  
Filed : December 29, 1999  
For : System and Method For Remote Servicing of In-Field Product  
Group Art No. : 2143  
Examiner : Vaughn, W.

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**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10**

I hereby certify that, on the date shown below, this correspondence is being:

- Mailing
- ☐ deposited with the US Postal Service in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450
- 37 CFR 1.8(a)      37 CFR 1.10
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**Transmission**

☒ transmitted by facsimile to Fax No.: 703-872-9306 addressed to Examiner Vaughn at the Patent and Trademark Office.

Date: 7-20-04

*[Signature]*  
Signature

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION UNDER 37 C.F.R. §1.131**

I, Ronald Kennedy, being duly sworn, depose and say:

1. That I am the inventor for the above-identified Patent Application;
2. That I have reviewed the claims of this Application;
3. That I conceived in the United States, prior to October 18, 1999, the filing date of the cited USP No. 6,440,071, the invention as set forth in the aforementioned claims, and in particular, a remote servicing communication system for in-field product. The system includes at least one on-line center having access to service software at a centralized facility so as to service

Kennedy, Ronald G.

S/N: 09/474,418

in-field product remotely, an in-field product at a customer site that is not readily capable of direct communication with the on-line center, and at least one portable service interface operable with the in-field product at the customer site and having software for communication with the on-line center. The system also includes a first communications link connecting the portable service interface to the on-line center and a second communications link connecting the portable service interface with the in-field product to complete a connection between the in-field product and the on-line center through the portable service interface.

4. Attached as Exhibit A is a copy of my disclosure to my employer evidencing this invention that was prepared prior to October 18, 1999.

5. That from prior to October 18, 1999 to December 29, 1999, the filing date of the above-referenced Patent Application, I diligently worked toward reducing the aforementioned invention to practice and worked with patent counsel in the preparation of a patent application for the claimed invention.

That the statements made herein are of our own knowledge and are true and made on information and belief that are believed to be true.

I acknowledge that any willful false statements and the like made herein are punishable by fine or imprisonment, or both, and may jeopardize the validity of the application or any patent issuing thereon.

  
Ronald G. Kennedy

Dated: 7-13-04

**INVENTION DISCLOSURE**

1. Disclosure ID (for completion by Legal Dept): \_\_\_\_\_
2. Title: FE INTERFACE FOR NON-NETWORKED SYSTEMS
3. Brief description:  
Non-networked systems (including both GE and non-GE equipment) can be evaluated using applications information and resources remote from the system by allowing the FE to bridge the system to the OLC
4. Creator(s): (Additional names may be included on an attached "Additional Creators Listing")

Total number of names listed: 1Full Name: Ron KennedySignature: Ronald D. KennedyCitizenship: USA

Date: \_\_\_\_\_

Social Security Number: \_\_\_\_\_

Company: GE Medical Technology Systems

Company Phone: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Business E-Mail: \_\_\_\_\_

Supervisor: Bart MitchellCompany employee? ☒ yes ☐ no (if no, employed by: \_\_\_\_\_)Home: 552 434270 Hw. 66Douglas, WI.  
CityUSA 53118  
State

Country

Zip

Full Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Date: \_\_\_\_\_

Social Security Number: \_\_\_\_\_

Company: \_\_\_\_\_

Company Phone: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Business E-Mail: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Company employee? ☐ yes ☐ no (if no, employed by: \_\_\_\_\_)

Home: \_\_\_\_\_

Address

City

State

Country

Zip

## 5. Project:

5.1 The invention ☐ is ☒ is not part of a ☐ current or ☐ future project/product.

5.2 Project/product name (by which you or your colleagues would recognize it):

none—extension of interactive service concepts (e.g. InSite Interactive)

5.3 The invention ☐ is ☒ is not ☐ part of or ☐ funded by a government project.

6. Significant Dates (provide approximate dates - "at least as early as" if unsure):

6.1 When and in what form was the invention first disclosed inside the company?

NONE

6.2. Has the invention been disclosed outside the company? If yes, to whom, when, and in what form?

NO

6.3 Have any articles describing your invention been published? If yes, list author(s), title of article, publication and date.

NO

6.4 Has any product using the invention been sold or offered for sale? If yes, to whom and on what date?

NO

6.5 When will (or did) GE begin production of this invention?

unknown

7. Description/Disclosure (attach additional pages, sketches, specifications, etc., if available)

7.1 What is the general technological problem the invention is contemplated to overcome?

Non-networked systems, or systems without interactive service software loaded may not be able to receive service or use resources of the OLC due to the inability to connect or communicate with the facility. Some services may be useful, such as service evaluation, configuration, software downloads, etc., but no mechanism may be provided for accessing or interfacing with the OLC.

7.2 Prior Art:

- 7.2.1. Identify related invention disclosures, patents or other publications describing similar ideas, and other companies working in the same field. Attach copies, if available.

NONE (somewhat similar to the interface in InSite Interactive for communicating with non-GE equipment)

- 7.2.2. What is the closest technology, of which you are aware?

see 7.2.1

- 7.3 Briefly describe the structure of the invention and how it works.

The FE laptop (or other service interface) would be provided with application software (e.g. InSite Interactive) that allows for communication with remote resources, such as the OLC. The laptop would be connected to a diagnostic station or equipment, such as via a serial cable. Information and data could be accessed from the system and transmitted, via the FE laptop to the OLC for evaluation. The FE laptop could also access data, such as configuration files, "golden files," protocols, etc. and download the data from the remote source to the system.

- 7.4 How is the invention different/better from prior solutions to this problem?

The invention would allow servicing of systems to which connections cannot be made (or cannot easily be made) today. The FE would be able to provide service to a wide range of systems, including the existing installed base and non-GE equipment which is incapable of receiving service via the new service tools.

Witnesses: I have read and understood the information described above and in the attached pages:

(1) Name: BART MITCHELL  
Citizenship: US  
Social Security Number: \_\_\_\_\_  
Company: GE MEDICAL SYSTEMS  
Company Phone: \_\_\_\_\_

Signature: [Signature]  
Date: [Redacted]

(2) Name: LEW KRISBERG  
Citizenship: USA  
Social Security Number: 391-58-0865  
Company: GEMTS  
Company Phone: \_\_\_\_\_

Signature: [Signature]  
Date: [Redacted]